Electronic Acknowledgement Receipt		
EFS ID:	3961590	
Application Number:	10791030	
International Application Number:		
Confirmation Number:	1253	
Title of Invention:	Methods and apparatus for cycle time improvements for atomic layer deposition	
First Named Inventor/Applicant Name:	Xinye Liu	
Customer Number:	26263	
Filer:	Tarek N. Fahmi	
Filer Authorized By:		
Attorney Docket Number:	40004551-0011-002	
Receipt Date:	17-SEP-2008	
Filing Date:	01-MAR-2004	
Time Stamp:	20:10:18	
Application Type:	Utility under 35 USC 111(a)	

# **Payment information:**

Submitted with Payment	no
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# File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		40004551-0011-002_ROA_Filed _9_17_08.pdf	872556  c8320d243839246a58d06c6f0ed6215aee4	yes	es 8
			c8320d243839246a58d06c6f0ed6215aee4 9ec14		

	Multipart Description/PDF files in .zip description		
	Document Description	Start	End
	Amendment/Req. Reconsideration-After Non-Final Reject	1	1
	Specification	2	2
	Claims	3	5
	Applicant Arguments/Remarks Made in an Amendment	6	8
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## Warnings

#### Information:

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### New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

### National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

## New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.